

[54] **NUMERICAL COMPUTER
PERIPHERAL INTERACTIVE DEVICE
WITH MANUAL CONTROLS**

[76] Inventors: **James C. Fletcher**, Administrator of the National Aeronautics and Space Administration, with respect to an invention of; **Arthur I. Zygielbaum**, 115 S. Monterey Street No. 4, Alhambra, Calif. 91801; **Stanley S. Brokl**, 728 Orange Grove No. 1, Pasadena, Calif. 91105

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[58] Field of Search.....235/92 CV, 92 DN, 235/92 MT; 35/151.27, 10.2

[56] **References Cited**

UNITED STATES PATENTS

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Primary Examiner—Maynard R. Wilbur
Assistant Examiner—Robert F. Gnuse
Attorney—Monte F. Mott et al.

[57] **ABSTRACT**

A computer peripheral device is disclosed which includes a joystick whose displacement from a center position along two axes X and Y in either a plus (+) or a minus (−) direction is sensed. The displacement magnitude in either direction controls the rate of clock pulses provided by a variable frequency clock. The clock pulses from the two clocks are accumulated in two separate counters, whose contents are displayed. The contents of the counters are suppliable to a computer to update the contents of specific cells which define the position of a cursor on a display which is under computer control.

3 Claims, 2 Drawing Figures

